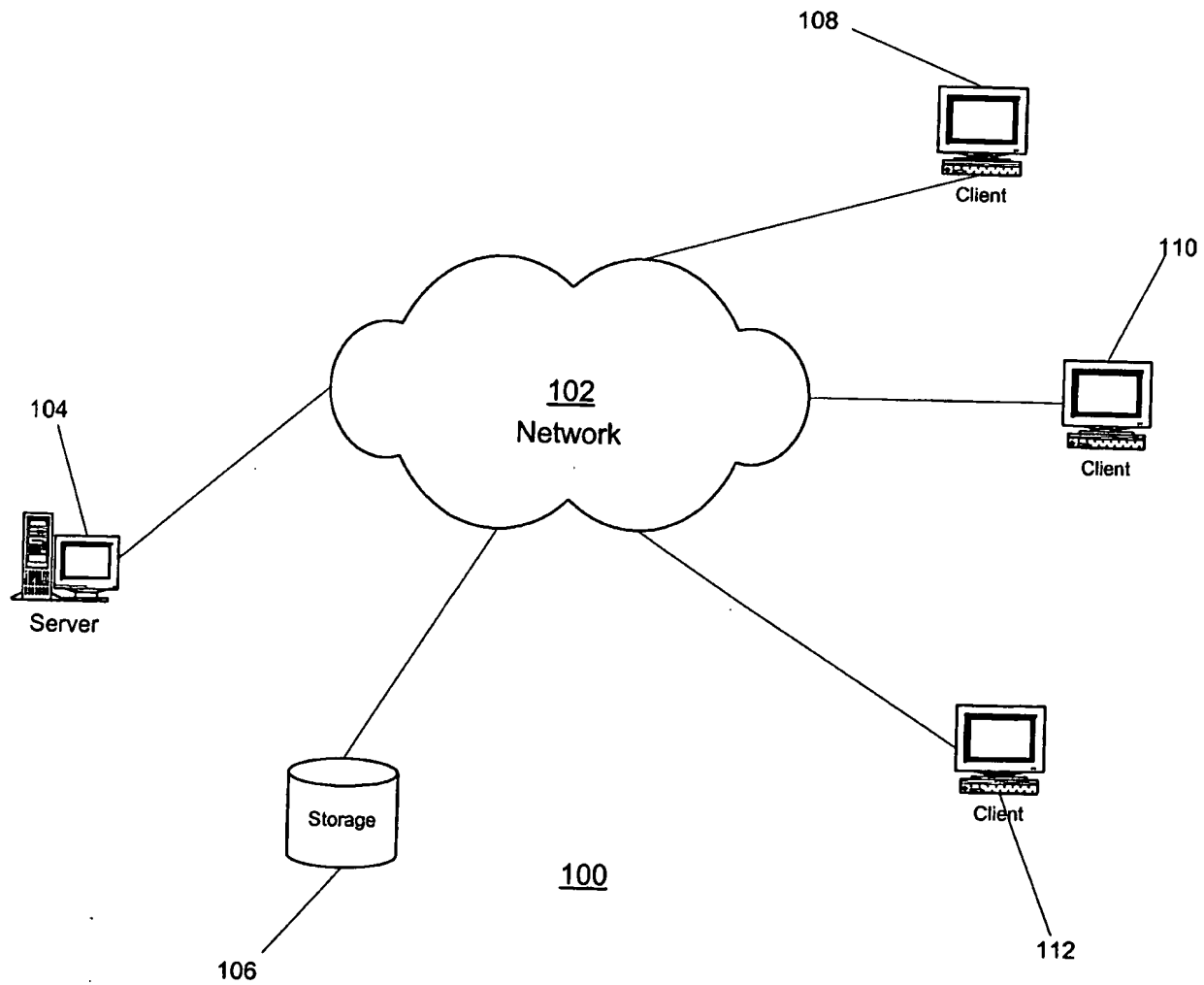


Figure 1
AUS9-2000-0257-US1



The diagram illustrates a computer system architecture. At the top, two processors, **Processor 202** and **Processor 204**, are connected to a horizontal **System Bus 206**. Below the system bus is a block containing a **Memory Controller/Cache 208** and an **I/O Bridge 210**. **Local Memory 209** is connected to the memory controller/cache. A vertical **I/O Bus 212** extends from the I/O bridge. On the left side of the I/O bus, a **Graphics Adapter 230** and a **Hard Disk 232** are connected. On the right side, three **PCI Bus Bridge** units (**214**, **222**, and **224**) are connected to the I/O bus. Each bridge is connected to a horizontal **PCI Bus**. **Bridge 214** is connected to a **Modem 218** and a **Network Adapter 220**. **Bridge 222** and **Bridge 224** are shown without specific peripheral connections. The entire system is labeled **200**.

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Processor 302

Host/PCI Cache/Bridge 308

Main Memory 304

Audio Adapter 316

Bus 306

SCSI Host Bus Adapter 312

LAN Adapter 310

Expansion Bus Interface 314

Graphics Adapter 318

Audio/Video Adapter 319

Disk 326

Tape 328

CD-ROM 330

Keyboard and Mouse Adapter 320

Modem 322

Memory 324

300

332

AUS9-2000-0257-US1

The diagram illustrates a system architecture for a data stream splitter. A central horizontal bus, labeled 480, connects several components. Above the bus are four blocks: 410 (Input/Output Interface), 420 (Data Stream Splitter Manager), 460 (Data Stream Splitter Table Storage Device), and 470 (Buffer). Below the bus are three blocks, each labeled 'Data Stream Splitter', with reference numerals 430, 440, and 450 respectively. Bidirectional arrows connect each of these blocks to the central bus 480.

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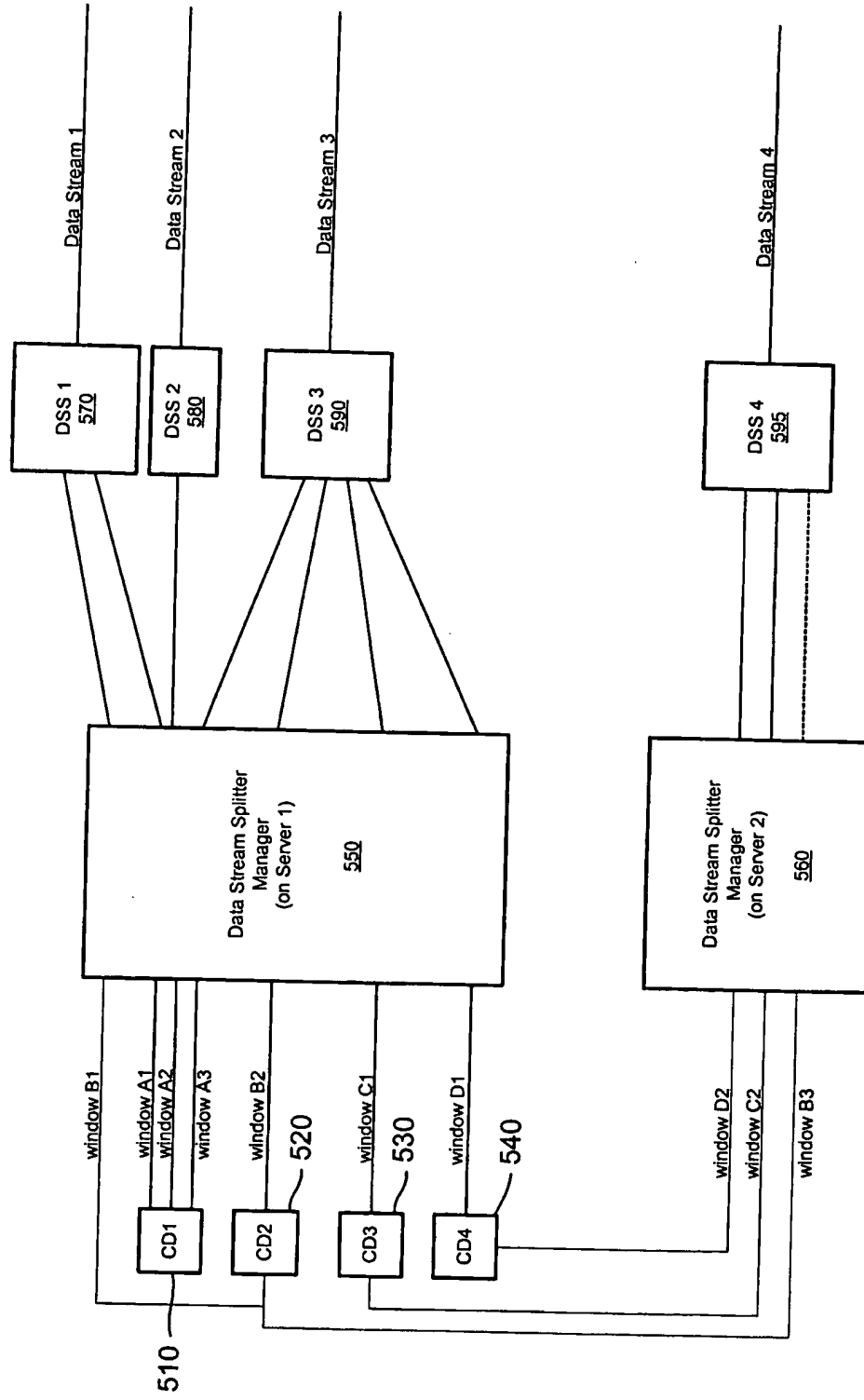
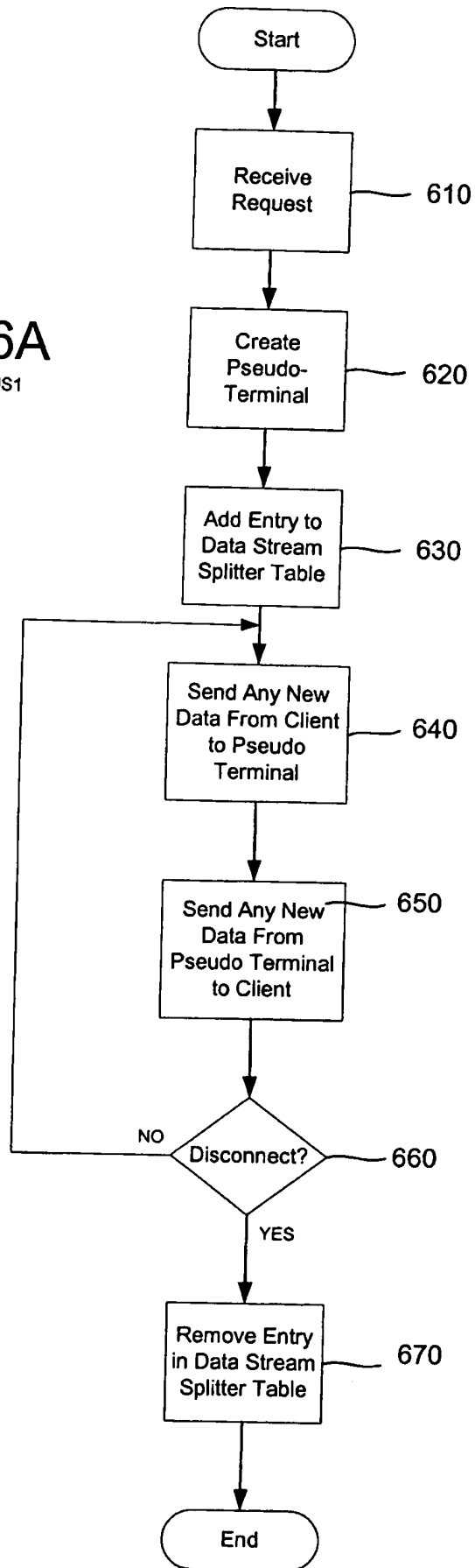


Figure 5

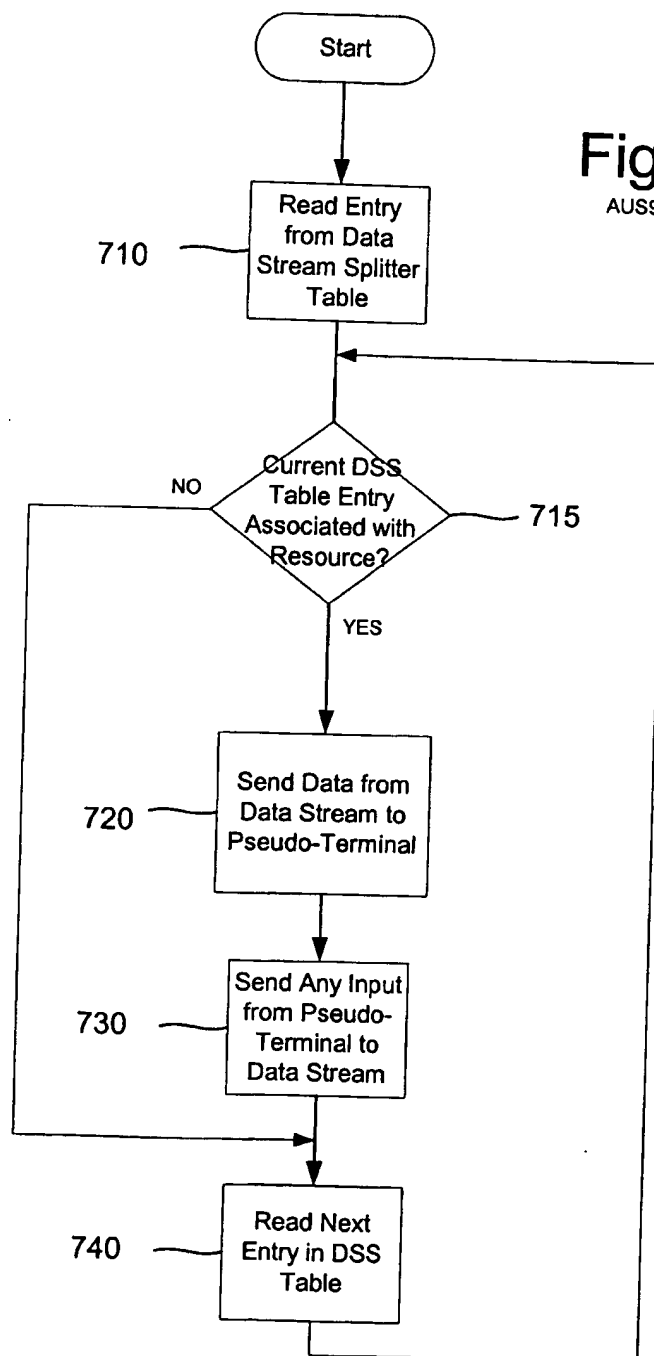
AUS9-2000-0257-US1

Figure 6A

AUS9-2000-0257-US1



DOCID: 0197960



```

Console login: root
root's Password:
You entered an invalid login name or password.
login: root
root's Password:

```

```

*****
*
* Welcome to AIX!
*
* Please see the README file in /usr/lpp/bos for information pertinent to
* this release of the AIX Operating System.
*
* IBM'S INTERNAL SYSTEMS MUST BE ONLY USED FOR CONDUCTING IBM'S BUSINESS
* OR FOR PURPOSES AUTHORIZED BY IBM MANAGEMENT
*
* USE IS SUBJECT TO AUDIT AT ANY TIME BY IBM MANAGEMENT
*
*****

```

```

Last login: Mon May 1 15:43:36 2000 on /dev/tty0

```

```

[root@177net43] /# After typing this sentence, I will "hot key" to a debugger by typing control-
backslash, but the typed character will not be seen:

```

```

GPR0 608642A3 548E6BF8 0221F610 00000000 00000000 A8A9AAAB A4A5A6A7 50000000
GPR8 00000000 00000000 74DA619C 00000000 00000000 71DBB234 28822048 71DBB248
GPR16 74DA611C 71AC1900 71DBB200 00000028 00000000 00003EBC 00000018 0000111C
GPR24 00000278 000002A0 0000FFFF 02220038 0221DFF4 755FCC00 00000000 755FCEDC

```

```

MSR 000090B2 CR 28822042 LR 0221770C CTR 0000007D MQ 00000000
XER 20000000 SRR0 021EDB00 SRR1 000090B2 DSISR 42000000 DAR 200551B0

```

```

IAR 021EDB00 (ORG+021EDB00) ORG=00000000 Mode: VIRTUAL
021EDB00 84CA0004 7C002914 42400024 84AA0004 |....|.B@.$....|
| lwzu r6,0x4(r10)
021EDB10 7C003114 4200FFEC 7C002914 7C000194 ||.1.B...|.)|....|
|
021EDB00 84CA0004 7C002914 42400024 84AA0004 |....|.B@.$....|
021EDB10 7C003114 4200FFEC 7C002914 7C000194 ||.1.B...|.)|....|
021EDB20 40820038 419DFFA4 48000014 7C003114 |@..8A...H...|.1.|
021EDB30 7C000194 40820024 419DFF90 5C00603E ||...@...$A...|.~>|
021EDB40 5406801E 7C003014 5400843E 7C000194 |T...|.0.T...>|...|
021EDB50 6803FFFF 4E800020 394A0004 7D6103A6 |h...N...9J...}a..|
021EDB60 7CA0542A 55661F38 7D8C3278 7C002814 ||.T*UF.8}.2x|.|.|

```

```

Debugger entered via keyboard.

```

```

>0> this is Mark , are you looking at this machine? YES
Too many parameters; excess truncated
032-001 You entered a command "this" that is not valid.
>0> don't bother, it is running DELETEDmb DELETED, it is not a valid config
Too many parameters; excess truncated
032-001 You entered a command "don't" that is not valid.
>0> I need this crash anyway to debug an auto-screening "bot", let me keep it 5 or 10 Too many
parameters; excess truncated
032-001 You entered a command "I" that is not valid.
>0> minutes PLEASE ???!??? -daco
032-001 You entered a command "minutes" that is not valid.
>0> ok Want me to reboot (as I saw you doing) when I'm done? yea

```

Figure 7
AUS9-2000-0257-US1